



UNITED STATES PATENT AND TRADEMARK OFFICE

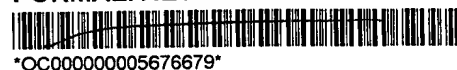
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/725,704	11/29/2000	Thomas J. Cloonan	4807.00017

CONFIRMATION NO. 8828

22908  
BANNER & WITCOFF LTD  
TEN SOUTH WACKER DRIVE  
SUITE 3000  
CHICAGO, IL 606067407

## FORMALITIES LETTER



\*OC000000005676679\*

Date Mailed: 01/12/2001

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice MUST be returned with the reply.*

*Alam*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cloonan et al.  
Serial No.: 09/725,704  
Filing Date: November 29, 2000  
Title: Method and Apparatus for Preventing Re-Ranging and  
Re-Registration of Cable Modems During Protection Switching  
Between Active and Spare Cable Interface Cards in a Cable  
Modem Termination System  
Docket No. 4807.00017

BOX MISSING PARTS  
Assistant Commissioner for Patents  
Washington, DC 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number: EL707797005US

Date of Deposit: March 12, 2001

I hereby certify that the following attached paper

Response to Notice to File Corrected Application Papers; copy of Notice to File  
Corrected Application Papers; drawings (7 sheets); transmittal form; fee  
transmittal and duplicate; return postcard;

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee"  
service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant  
Commissioner for Patents, BOX MISSING PARTS, Washington, D.C. 20231.

Christine A. Jazkowski

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Docket No. 4807.00017)

IN RE APPLICATION OF	)	
Thomas J. Cloonan et al.	)	
	)	Examiner: na
Serial No. 09/725,704	)	
	)	Group Art Unit: na
Filed: November 29, 2000	)	
	)	
For: Method and Apparatus for Preventing	)	
Re-Ranging and Re-Registration of Cable	)	
Modems During Protection Switching	)	
Between Active and Spare Cable Interface	)	
Cards in a Cable Modem Termination	)	
System	)	

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**  
**FILING DATE GRANTED**

BOX MISSING PARTS  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Corrected Application Papers mailed January 12, 2001, applicant hereby submits corrected drawing pages (7 sheets) with respect to the above referenced patent application. A copy of the Notice To File Corrected Application Papers is also enclosed.

Respectfully submitted,

VEDDER, PRICE, KAUFMAN & KAMMHOLZ

Date: 3-12-2001

By: Joseph P. Krause  
Joseph P. Krause  
Reg. No. 32,578

03-13-01

SECTOR

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/725,704
Filing Date	November 29, 2000
First Named Inventor	Thomas J. Cloonan
Group Art Unit	na
Examiner Name	na
Attorney Docket Number	4807.00017

Total Number of Pages in This Submission **13**

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Certificate of Mailing -Notice to File Corrected Application Papers -Response to Notice to File Corrected Application Papers -Return Postcard
Remarks  		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

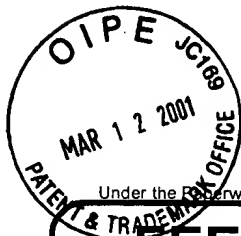
Firm or Individual name	Joseph P. Krause
Signature	<i>Joseph P. Krause</i>
Date	3-12-2001

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail post office to addressee" addressed to Commissioner for Patents, Washington, DC 20231 on this date March 12, 2001

Typed or printed name	Christine A. Jaszowski
Signature	<i>Christine A. Jaszowski</i>
Date	3-12-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (09-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)<sup>0</sup>

## Complete if Known

Application Number	09/725,704
Filing Date	November 29, 2000
First Named Inventor	Thomas J. Cloonan
Examiner Name	na
Group Art Unit	na
Attorney Docket No.	4807.00017

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 22-0259
- Deposit Account Name: Vedder Price Kaufman & Kammholz
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)<sup>0</sup>

### 2. EXTRA CLAIM FEES

Total Claims:  - 20\*\* =  X  =

Independent Claims:  - 3\*\* =  X  =

Multiple Dependent:  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)<sup>0</sup>

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)<sup>0</sup>

## SUBMITTED BY

Name (Print/Type) Joseph P. Krause

Signature

*Joseph P. Krause*

Registration No. 32,578  
(Attorney/Agent)

## Complete (if applicable)

Telephone 312-609-7536

Date March 12, 2001

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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